



# Recombinant Escherichia coli O81 Phosphoserine aminotransferase (serC)

<b>Product Code</b>	CSB-EP018838EOP-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B7MS22
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O81 (strain ED1a)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MAQIFNFSSG PAMPLAEVLK QAQQELRDWN GLGTSVMEVS HRGKEFIQVA          EEAEKDFRDL LNVPSNYKVL FCHGGGRGQF AAVPLNILGD KTTADYVDAG          YWAASAIKEA KKYCTPNVFD AKVTVDGLRA VKPMSEWQLS DNAAYMHYCP          NETIDGIAID ETPDFGKDVV VAADFSSTIL SRPIDVSRYG VIYAGAQKNI          GPAGLTIVIV REDLLGKANI ACPSILDYSI LNDNDSMFNT PPTFAWYLSG          LVFKWLKANG GVAAMDKINQ QKAELLYGVI DNSDFYRNDV AKANRSRMNV          PFQLADSALD KLFLEESFAA GLHALKGHRV VGGMRASIYN AMPLEGVKAL          TDFMVEFERR HG</p>
<b>Source</b>	E.coli
<b>Target Names</b>	serC
<b>Protein Names</b>	<p>Recommended name: Phosphoserine aminotransferase EC= 2.6.1.52          Alternative name(s): Phosphohydroxythreonine aminotransferase Short name=          PSAT</p>
<b>Expression Region</b>	1-362
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.</p>